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PATENT APPLICATION

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In re application of)
Applicant: Manthey et al.)
Title: Composition and Methods of)
Treating, Reducing and)
Preventing Cardiovascular)
Disease and Disorders with)
Polymethoxyflavones)
Serial No.: 09/528,488)
Docket No.: 0093.00)
Filed: 3/17/00)

Group Art Unit:

Examiner:

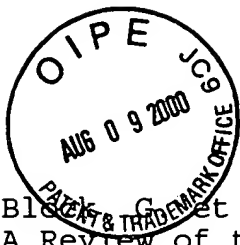
DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.56

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. 1.56 Applicants herewith submit documents believed to be relevant to the above-identified patent application. The documents are listed on form PTO-1449 attached hereto. A copy of each document is enclosed.

This Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; or (iii) the above information constitutes prior art in the subject invention.

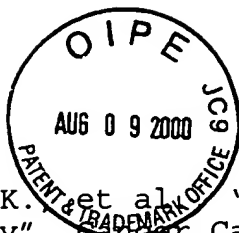


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REFERENCES

1. Block, G. et al., "Fruit, Vegetables, and Cancer Prevention: A Review of the Epidemiological Evidence", Nutrition and Cancer, Vol. 18, (1), pp. 1-29, 1992.
2. Boring, C. et al., "Cancer Statistics, 1993", A Cancer Journal for Clinicians, Vol. 43, pp. 7-27, Jan./Feb. 1993.
3. Castelli, W., et al., "Incidence of Coronary Heart Disease and Lipoprotein Cholesterol Levels", JAMA, Vol. 256, (20), pp. 2835-2838, Nov. 28, 1986.
4. Cook, N.C., et al., "Flavonoids-Chemistry, Metabolism, Cardioprotective Effects, and Dietary Sources", J. Nutr. Biochem., Vol. 7, pp. 66-76, 1996.
5. Cummings, F., et al., "Adjuvant Tamoxifen Treatment of Elderly Women with Stage II Breast Cancer", Annals of Internal Medicine, Vol. 103, pp. 324-329, 1985.
6. Dreyer, D.L., et al., "Flavonoids of Citrus-VIII Synthesis of Limocitrol, Limocitrin and Spinacetin", Tetrahedron, Vol. 20, pp. 2977-2983, 1964.
7. Gryglewski, R., et al., "On the Mechanism of Antithrombotic Action of Flavonoids", Biochem. Pharmacology, Vol. 36, (3), pp. 317-322, 1987.
8. Hertog, M., et al., "Content of Potentially Anticarcinogenic Flavonoids of 28 Vegetables and 9 Fruits Commonly Consumed in The Netherlands", J. Agric. Food Chem., Vol. 40, pp. 2379-2383, 1992.
9. Hertog, M., et al., "Content of Potentially Anticarcinogenic Flavonoids of Tea Infusions, Wines, and Fruit Juices", J. Agric. Food Chem., Vol. 41, pp. 1242-1246, 1993.
10. Horowitz, R., et al., "Flavonoids of Citrus. V. Structure of Limocitrin", J. Org. Chem., Vol. 26, pp. 2899-2902, 1961.
11. Keli, S., et al., "Dietary Flavonoids, Antioxidant Vitamins, and Incidence of Stroke", Arch. Inter. Med., Vol. 156, pp. 637-642, March 25, 1996.
12. Kuhnau, J., "The Flavonoids. A Class of Semi-Essential Food Components: Their Role in Human Nutrition", World Rev. Nutr. Diet, Vol. 24, pp. 117-191, 1976.

D.N. 0093.00



13. Steinmetz, K., et al., "Vegetables, Fruit, and Cancer. I. Epidemiology", Cancer Causes Control, Vol. 2, pp. 325-357, 1991.
14. Sattin, R., et al., "Family History and the Risk of Breast Cancer", JAMA, Vol. 253,(13), pp. 1908-1913, April 5, 1985.
15. Steinmetz, K., et al., "Vegetables, Fruit, and Cancer. II. Mechanisms", Cancer Causes Control, Vol. 2, pp. 427-442, 1991.
16. Tatum, J., et al., "Six New Flavonoids From Citrus", Phytochemistry, Vol. 11, pp. 2283-2288, 1972.

Respectfully submitted,

August 4, 2000
Date

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Enclosures
PTO-1449 (2 sheets)
16 References

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S.N. 09/528,488
IDS with References

* I hereby certify that this correspondence is being deposited *
* with the United States Postal Service as first class mail in *
* an envelope addressed to: Assistant Commissioner for Patents, *
* *
* Washington, DC 20231, on August 8, 2000 *
* (Date) *
* Manthey et al. *
* (Name of applicant, assignee, or Registered Representative) *
* Robin A. Mc Cormick 8/8/00 *
* (Signature) (Date) *
